

Docket No. 205001US2S

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Yutaka OKAMOTO

GAU:

EXAMINER:

SERIAL NO: NEW APPLICATION

FILED: Herewith

FOR: DIGITAL DATA PLAY BACK APPARATUS AND METHOD FOR PLAYING BACK DIGITAL DATA

INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:  
Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

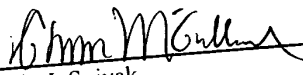
- ☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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BACK DIGITAL DATA

**STATEMENT OF RELEVANCY**

**Reference AA (4,890,299) on Form PTO-1449:**

This document discloses a system wherein 5 to 7 amplitude values of a PR equalization waveform are converted to 3 values, and a timing is recovered based on the converted amplitude values. This invention is different from the present invention wherein a timing is extracted from the PR equalization waveform without converting the amplitude values.

**Reference AO (2000-195191) on Form PTO-1449:**

This document relates to a timing acquisition method for a PR-class equalization waveform with 2 to 3 amplitude values. This method cannot be applied to a PR-class equalization waveform with 5 to amplitude values.

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

205001US2S

SERIAL NO.

NEW APPLICATION

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Yutaka OKAMOTO

FILING DATE

Herewith

GROUP

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE     | NAME                       | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|--------------------|----------|----------------------------|-------|--------------|-------------------------------|
|                     | AA | 4,890,299          | 12/26/89 | Francois B. DOLIVO, et al. |       |              |                               |
|                     | AB |                    |          |                            |       |              |                               |
|                     | AC |                    |          |                            |       |              |                               |
|                     | AD |                    |          |                            |       |              |                               |
|                     | AE |                    |          |                            |       |              |                               |
|                     | AF |                    |          |                            |       |              |                               |
|                     | AG |                    |          |                            |       |              |                               |
|                     | AH |                    |          |                            |       |              |                               |
|                     | AI |                    |          |                            |       |              |                               |
|                     | AJ |                    |          |                            |       |              |                               |
|                     | AK |                    |          |                            |       |              |                               |
|                     | AL |                    |          |                            |       |              |                               |
|                     | AM |                    |          |                            |       |              |                               |
|                     | AN |                    |          |                            |       |              |                               |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT<br>NUMBER | DATE    | COUNTRY | TRANSLATION<br>YES | NO |
|--|----|--------------------|---------|---------|--------------------|----|
|  | AO | 2000-195191        | 7/14/00 | Japan   |                    | X  |
|  | AP |                    |         |         |                    |    |
|  | AQ |                    |         |         |                    |    |
|  | AR |                    |         |         |                    |    |
|  | AS |                    |         |         |                    |    |
|  | AT |                    |         |         |                    |    |
|  | AU |                    |         |         |                    |    |
|  | AV |                    |         |         |                    |    |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |  |
|--|----|--|
|  | AW |  |
|  | AX |  |
|  | AY |  |
|  | AZ |  |

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

 109/81/449  
 09/81/449  
 03/20/01